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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.	102792-161					
First Inventor	James William Cavanagh et al.					
Title	IMPROVEMENTS IN AND TO PROCESSE					

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(Only for new nonprovisional applications under 37 CFR	t 1.53(b)) Express	s Mail Label EV 208798697			
APPLICATION ELEMENT See MPEP chapter 600 concerning utility patent ap		,	ADDRESS TO: Mail Stop Commiss P. O. Box	Patent Application sioner for Patents	P. P.
1. Fee Transmittal Form (e.g., PTO/SE (Submit an original, and a duplicate for fee Applicant claims small entity status. See 37 CFR 1.27.  3. Specification (Total in (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applice  - Statement Regarding Fed sponsor  - Reference to sequence listing, a tax or a computer program listing appears a computer program listing appears a computer program listing appears a computer program of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (in Detailed Description  - Claim(s)  - Abstract of the Disclosure	e processing)  Pages 17 ]  ations ed R & D ble, ndix	(if appliance) a. b. c. AC 9. 10.	CD-ROM or CD-R in du Computer Program (Ap) otide and/or Amino Acid sicable, all necessary)  Computer Reada  Specification Sequence  i. CD-ROM or  ii. Paper	plicate, large table or pendix) Sequence Submission ble Form (CRF) Listing on: CD-R (2 copies); or ring identity of above copies identity of above	orney
5. Oath or Declaration  a. Newly executed (original or Copy from a prior application (for continuation/divisional with Signed statement attacnamed in the prior application 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CF.  18. If a CONTINUING APPLICATION, check or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only:	Pages 3 7  copy) In (37 CFR 1.63(d) Box 18 completed) ENTOR(S) The deleting inventorication, see 37 CFR R 1.76 Appropriate box, and Continuation-in-page	13. 14. 15. 15. 16. 17. 17. 18. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	Statement (IDS)/PTO-14 Preliminary Amendment Return Receipt Postcard (Should be specifically itemiz Certified Copy of Priority (if foreign priority is claimed) Nonpublication Request (b)(2)(B)(i). Applicant more its equivalent.  Other:  Group / Art Unit:  application, from which as	(MPEP 503)	:/35
under Box 5b, is considered a part of the disclos reference. The incorporation can only be relied up	on when a portion h	as been inadver	tently omitted from the sub	mitted application parts.	ated by
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Name (Prini/Type) Andrew N. Parfomak Signature	Pachier	Regis	stration No. (Attorney/Agent)	32,431 July 30, 2003	$\overline{)}$

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (5-03)
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<b>FEE TRANSMITTAL</b>	Co		
	Application Number	To Be Assigned	
for FY 2003	Filing Date	Herewith	
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor	James William Cavanagh et al	
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	To Be Assigned	
	Group Art Unit	To Be Assigned	
TOTAL AMOUNT OF PAYMENT (\$) \$750.00	Attorney Docket No.	102702-161	

METHOD OF PAYMENT (check all that ap	ply)			FE	E CALCULA	TION (co	ontinued)	
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The Director is authorized to: (check all that apply)	181	2 2,520	1812	2,520	For filing a reque	est for ex pa	arte reexamination	
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Charge any additonal fee(s) during the pendency of this applica	tion 180	5 1,840*	1805	1,840*		ication of S	IR after Examiner	
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1002 330 2002 165 Design filing	140	2 320	2402	160	Filing a brief in s	upport of a	n appeal	
1003 520 2003 260 Plant filing fee	<b></b>   140.	3 280	2403	140	Request for oral	hearing		
1004 750 2004 375 Reissue filing	145	1 1,510	1451	1,510	Petition to institu	ite a public	use proceeding	
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2. EXTRA CLAIM FEES FOR UTILITY AND Fee from		2 470	2502	235	Design issue fee	•		
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Total Claims	0.00	0 130	1460	130	Petitions to the C	Commission	ner	
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**or number previously paid, if greater; For Reissues, see a	bove *Re	*Reduced by Basic Filing Fee Paid SUBTOTAL (3)				TAL (3) (\$)		
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Andrew N. Parfomak Registration No. (Attorney/Agent) 32,431 Te			Telephone	212-808-0700				
Signature Andreas la Cache	(406)					Date	July 30, 200	13

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APPLICANTS: James William Cavanagh et al.

TITLE: IMPROVEMENTS IN AND TO PROCESSES

## **CERTIFICATE OF EXPRESS MAILING**

Date of Deposit: July 30, 2003

I hereby certify that the following items:

- 1. Utility Patent Application Transmittal (1 page)
- 2. Combined Oath, Declaration and Power of Attorney (in blank) (3 pages)
- 3. Fee Transmittal (1 page)
- 4. Specification (17 pages)
- 5. Return Receipt postcard

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